

SECRET

[Redacted]

25X1A

Copy 10 of 10

30 August 63

MEMORANDUM FOR THE RECORD

SUBJECT : OXCART - Chronological History
Outline of Aircraft #121 and
122 During August 1963

Attachment 1 reflects subject history.

SIGNED

[Redacted]

25X1A

Aircraft Systems Division
(Special Activities)

Attachment

25X1A

[Redacted] ASD/OSA:mvp (30 Aug 63)

Distribution:

Cys 1&2 ADD/S&T
3&4 AD/OSA
5 D/TECH/OSA
6&7 ASD/OSA
8 PS/OSA
9 ASD/OSA (chrono)
10 RB/OSA

25X1A

NRO review(s)
completed.

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CHRONOLOGICAL HISTORY - AUGUST 1963

<u>Date</u>	<u>Aircraft #121</u>	<u>Aircraft #122</u>
1	Repair fuel tank leak and inlet modification	Structural repair - due aborted take-off 19 July
2	Inlet modification	Structural repair
3	Inlet modification	Structural repair - reinstalling engines
4	Inlet modifications - reinstalling engines	Structural repair
5	Engine installation completed	Structural repair
6	Ground run - both engines damaged compressor honeycomb	Structural repair
7	Engines removed - engine damage internal, not FOD	Structural repair
8	Reconfigure anti-FOD screens to improve protection	Structural repair
9	Reconfigure anti-FOD screens, engines installed	Structural repair
10	Prepare for ground runs and run at idle	Prepare for ground runs
12	Ground runs - revised longer procedure for anti-FOD	Ground runs - longer procedure for anti-FOD
13	Ground runs completed - correct instrumentation trouble	Ground runs completed - correct inlet spike malfunction
14	Flight #76: Aircraft roughness investigation	Flight #19: Heat soak @ Mach 2.2
15	Engines removed due cracked afterburner liners	Routine maintenance and instrumentation
16	Engines installed - correct inlet control trouble	Flight #20: Heat soak and inlet investigation
17	Ground runs and pre-flight	Routine maintenance and pre-flight
19	Right hand inlet control replaced	Flight #21: Nose gear lock malfunction - aborted
20	Airframe hydraulic pump replaced	Correct nose gear malfunction and fuel tank leak
21	Flight #77: Adverse weather precluded high Mach	Fuel tank repair
22	Flight cancelled - wind conditions	Flight #22: Heat soak
23	Fuel tank leak repair and pre-flight	Right engine removed - trim malfunction
24	Flight #78: Aircraft roughness investigation	Engine removal completed
26	Correct instrumentation trouble	Engine installed - prepare for ground run
27	Investigating engine compressor honeycomb	Engine removal due compressor honeycomb problem
28	Engines removed due compressor honeycomb problem	Engines removed - honeycomb problem
29	Wait modified engines - being airlifted today	Wait modified engines - being airlifted today
30	Wait engines - scheduled to arrive today	Wait engines - scheduled to arrive today

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